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Construction of recycle system of toner cartridges

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M. Nakada

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Abstract:

A recycling system for the toner cartridges used in office equipment such as copiers and printers is constructed, whereby the used toner cartridges are collected and the priority is put on the reuse in the level of subunits/parts. The design is changed so as to facilitate recovery of the toner cartridges and production engineering for recovery is developed. Thus, an inverse manufacturing plant, clean and friendly to both the environment and to people, is built. The toner cartridges recovered are of the same quality level as newly made products and are broadly accepted and used with ease by customers.

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Keywords

IEEE Keywords

Recycling, Cleaning, Seals, Inspection, Incineration, Reverse logistics, Assembly systems, Bonding, Shape

INSPEC: Controlled Indexing

quality control, recycling, photocopying, printers

INSPEC: Non-Controlled Indexing

inverse manufacturing plant, toner cartridges, recycling system, copiers, printers, product re-use, production engineering

Authors

M. Nakada

Chemical Products Div., Ricoh Co. Ltd., Japan

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